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TELEFACSIMILE LETTER FROM  
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TO: Commissioner for Patents  
FAX NO.: 1-571-273-8300  
PAGES: 10 + Cover Sheet

FROM: Brett Lovejoy, Reg. No. 42,813  
DATE: August 16, 2005

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(415) 875-5744.

Application of: Schadt *et al.* Confirmation No.: 6414  
Serial No.: 10/523,143, national stage filing of PCT/US03/23976 Art Unit: To be assigned  
Filed: August 1, 2003 Examiner: To be assigned  
For: COMPUTER SYSTEMS AND METHODS THAT USE CLINICAL AND EXPRESSION QUANTITATIVE TRAIT LOCI TO ASSOCIATE GENES WITH TRAITS Attorney Docket No: 9301-211-999 (301891-999203)

*Message*

**OFFICIAL FILING**

Transmitted herewith are the following documents relating to the above-identified patent application:

1. Response to Notification of Missing Requirements (1 pg);
2. Declaration executed by Eric B. Schadt (2 pgs);
3. Declaration executed by Stephanie A. Monks (2 pgs);
4. Petition for Extension of Time (1 p., submitted in duplicate); and
5. Copy of Notification of Missing Requirements (2 pgs).

Date: August 16, 2005

Respectfully submitted,

*Brett Lovejoy Reg. No. 42,813 for*  
Adriane M. Antler  
JONES DAY  
222 East 41st Street  
New York, New York 10017  
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32,605  
(Reg. No.)

**CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper is being filed with the United States Patent and Trademark Office by facsimile transmission on August 16, 2005 to facsimile telephone number (571) 273-8300.

*Brett Lovejoy*  
Brett Lovejoy

Reg. No. 42,813

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SFI-529172v1

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Schadt *et al.*

Confirmation No.: 6414

Serial No.: 10/523,143, national stage filing  
of PCT/US03/23976

Art Unit: To be assigned

Filed: August 1, 2003

Examiner: To be assigned

For: COMPUTER SYSTEMS AND  
METHODS THAT USE CLINICAL  
AND EXPRESSION QUANTITATIVE  
TRAIT LOCI TO ASSOCIATE GENES  
WITH TRAITSAttorney Docket No: 9301-211-999  
(301891-999203)RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
§ 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. § 371 in the United States Designated/Elected Office ("Notice"), mailed May 16, 2005, in connection with the above-identified application, Applicants submit herewith: (1) a copy of the Notice; (2) a declaration executed by the inventor Eric E. Schadt on February 2, 2005; (3) a declaration executed by the inventor Stephanie A. Monks on February 7, 2005; and (4) a Petition for Extension of Time extending the period of response by one month from July 16, 2005 up to and including August 16, 2005, accompanied by the appropriate fee.

The surcharge required for filing of the Declaration was authorized to be paid in the Transmittal letter filed January 31, 2005. Therefore no fee is believed due. However, if the Commissioner determines otherwise, please charge the required fee to Jones Day Deposit Account No. 50-3013, along with any deficiencies in fees due. A duplicate copy of this sheet is enclosed.

Date: August 16, 2005

Respectfully submitted,

*Brent Lovejoy* Reg. No. 42,813  
32,605  
Adrian M. Antler (Reg. No.)  
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New York, New York 10017  
(212) 326-3939

## CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. 1.8(a)

I hereby certify that this paper is being filed with the United States Patent and Trademark Office by facsimile transmission on August 16, 2005 to facsimile telephone number (571) 273-8308.

*Brent Lovejoy*  
Brent Lovejoy

Reg. No. 42,813

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office  
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www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/523,143	FIRST NAMED APPLICANT Eric E Schadt	ATTY. DOCKET NO. 9301-211-999
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INTERNATIONAL APPLICATION NO.

PCT/US03/23976

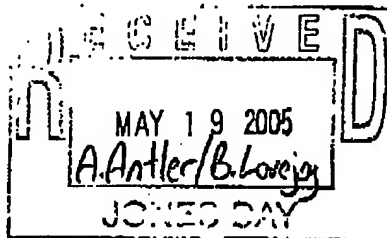
LA. FILING DATE

08/01/2003

PRIORITY DATE

08/02/2002

20583  
JONES DAY  
222 EAST 41ST ST  
NEW YORK, NY 10017



CONFIRMATION NO. 6414

371 FORMALITIES LETTER

OC000000016023981\*

Date Mailed: 05/16/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/31/2005
- Copy of the International Search Report filed on 01/31/2005
- Preliminary Amendments filed on 01/31/2005
- Oath or Declaration filed on 01/31/2005
- Request for Immediate Examination filed on 01/31/2005
- U.S. Basic National Fees filed on 01/31/2005

*Oath/Declaration and Fee  
Due 7/16/05*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the Inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.101).

*A copy of this notice **MUST** be returned with the response.*

MAY 23 2005

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Jones Day San Francisco

NO. 1845

P. 10

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PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/523,143	PCT/US03/23976	9301-211-999

FORM PCT/DO/EQ/905 (371 Formalities Notice)

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